

IN THE CLAIMS

Agent for Applicant respectfully requests the following amendments to the claims without adding any new subject matter. A listing of the claims follows:

1. [Currently Amended] A digital pressure display comprising:
 - (a) sensor means for intermittently sensing said pressure;
 - (b) microprocessor means to intermittently enable said sensor means to sense said pressure at predetermined sampling intervals and generate a signal; and
 - (c) power means to power to said sensor means and said microprocessor means;for generating a digital pressure reading
wherein the sensor means sensing said pressure at predetermined sampling intervals reduce power requirements.
2. [Cancelled]
3. [Previously Presented] A digital pressure display as claimed in claim 1 wherein said power means comprises a battery.
4. [Original] A digital pressure display as claimed in claim 3 wherein said battery is rechargeable.
5. [Original] A digital pressure display as claimed in claim 1 further including a light sensor for sensing a dark condition so as to terminate the generation of said digital pressure reading during said dark condition.
6. [Previously Presented] A digital pressure display as claimed in claim 3 further including a light sensor sensing a dark condition so as to terminate the generation of said digital pressure reading during said dark condition.
7. [Previously Presented] A digital pressure display as claimed in claim 3 including circuitry means having a solar power cell to recharge said battery.

8. [Previously Presented] A digital pressure display as claimed in claim 3 wherein said display is associated with a vacuum regulator for digitally displaying a level of vacuum administered to a patient.

9. [Previously Presented] A digital pressure display as claimed in claim 8 wherein said digital display is replaceable with a needle dial display.

10. [Cancelled]

11. [Cancelled]

12. [Cancelled]

13. [Cancelled]

14. [Cancelled]

15. [Cancelled]

16. [Cancelled]

17. [Cancelled]

18. [Currently Amended] A digital pressure display ~~as claimed in claim 1~~ further comprising:

- (a) a manual pressure control valve operable by an operator to adjust a vacuum pressure;
- (b) a vacuum pressure sensor operable to sense the vacuum pressure, and to produce a pressure signal;
- (c) a sampling sensor means circuit intermittently enabled by a microprocessor means at predefined sampling intervals operable intermittently by electrical power to sample said pressure signal generated by said vacuum pressure sensor-at predetermined time intervals and generate sampling signals;

- (d) an electrically powered pressure display circuit communicating with a digital pressure display, for receiving said sampling signals and generating a visible digital pressure display; and
 - (e) a power ~~means supply~~ connected for supplying power both to said microprocessor means, ~~said sampling sensor means circuit~~ for sampling said vacuum sensor, and to said display circuit and said digital pressure display.
19. [Previously Presented] The digital pressure display as claimed in claim 18 and including a no-pressure signal generator for generating at least one no-pressure signal representing an absence of treatment vacuum pressure, and an alarm signal generator, and an alarm responsive thereto, operable in response to a no-pressure signal to generate an alarm.
20. [Previously Presented] The digital pressure display as claimed in claim 19 and wherein said control valve is manually operable to adjust said vacuum pressure so as to maintain a desired level of vacuum pressure.
21. - 27 [Cancelled]
28. [New] A digital pressure display comprising:
- (a) sensor means for intermittently sensing said pressure;
 - (b) microprocessor means to intermittently enable said sensor means to sense said pressure and generate a signal at predetermined sampling intervals; and
 - (c) power means to power to said sensor means and said microprocessor means;
- wherein the power means constantly power said sensor means and said microprocessor means.
29. [New] The digital pressure display as claimed in claims 1, 18 and 28 including a controller said controller connected to said sensor means and operable to temporarily increase the rate of sampling intervals.
30. [New] A digital pressure display as claimed in claims 18 and 28 wherein said power means comprises a battery.

31. [New] A digital pressure display as claimed in claim 30 wherein said battery is rechargeable.
32. [New] A digital pressure display as claimed in claim 30 further including a light sensor for sensing a dark condition so as to terminate the generation of said digital pressure reading during said dark condition.
33. [New] A digital pressure display as claimed in claim 30 further including a light sensor sensing a dark condition so as to terminate the generation of said digital pressure reading during said dark condition.
34. [New] A digital pressure display as claimed in claim 30 including circuitry means having a solar power cell to recharge said battery.
35. [New] A digital pressure display as claimed in claim 30 including circuitry means having a solar power cell to recharge said battery